

Figure 1. Swamp Creek siphon project showing location of proposed siphon, recently completed restoration downstream and potential new access to 12 miles of upstream habitat.

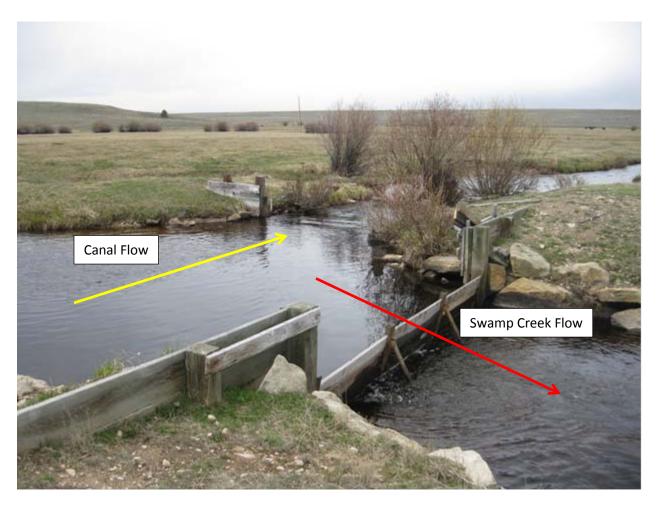


Figure 2. Current conditions showing intersection of Swamp Creek and canal. Pin and plank diversion in Swamp Creek serves as barrier to fish movement.

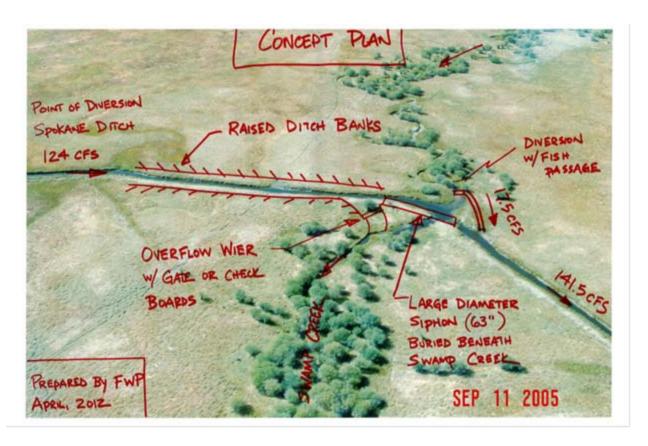


Figure 3. Conceptual Plan for Swamp Creek siphon showing location of siphon, overflow weir, diversion and fish ladder in Swamp Creek.



Figure 4. Example of a siphon inlet on a similar project in Montana.



Figure 5. Siphon will be a High density polyethylene pipe (63" x 150 linear feet)



Figure 6. Denil type fish ladder will be installed in a pin and plank diversion in Swamp Creek upstream of the siphon.